Lynx-TE Amalgam

SA CFTE 18W/830 GX24Q-2 AMALGA

0027817

Range features

- Excellent luminous flux at high and low ambient temperatures
- Particularly suitable for use in the new generation of ultra compact fluorescent downlights and luminaires
- Amalgam technology designed for high temperature applications
- Excellent colour rendering - (CRI=85)
- To be operated on electronic ballasts only
- Dimmable with suitable dimmer
- Available in Warm White (3000K) and Cool White (4000K)
- Average rated life: 12000 hours

PRODUCT OVERVIEW

Light colour	830 Warm White
Technology	Compact Fluorescent
Ordering number	0027817
Energy class	A
Lamp shape	Stick
Lamp finish	Frosted
Dimmable	yes
Cap/Base	GX24q-2
Type	Lynx TE
EAN code	5410288278179
CRI (Ra)	82
Colour temperature (K)	3000
Luminous flux (Rated) (lm)	1200
Efficacy (Rated) (lm/w)	67
Watt (Nominal) (W)	18
Voltage (V)	80

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DATA TABLE

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General data

Technology	Compact Fluorescent
Ordering number	0027817
Average life (Nominal) (h)	12000
Energy class	A
Lamp finish	Frosted
Lamp shape	Stick
Dimmable	yes
Cap/Base	GX24q-2
Type	Lynx TE
EAN code	5410288278179
E-number SE	8357416
E-number FI	4944057
Long description	Excellent luminous flux at high and low ambient temperatures. Particularly suitable for use in the new generation of ultra compact fluorescent downlights and luminaires. Amalgam technology designed for high temperature applications. Excellent colour rendering - (CRI=85). To be operated on electronic ballasts only. Dimmable with suitable dimmer. Available in Warm White (3000K) and Cool White (4000K). Average rated life: 12000 hours
Product name	SA CFTE 18W/830 GX24Q-2 AMALGA
Lamp mercury content (mg)	1.3
Starting time (max) (s)	0.1
Warm-up time to 60% of full light (max) (s)	60
Control gear required	Yes
Fixture rating	Open
IEC Reference	IEC 60901
IEC Reference 2	IEC 61199
Intended purpose	General lighting
Special purpose lamp	No
Transformer required	No
Sales pack quantity	10
Rated survival factor at 2000 h 50Hz	0.99
Rated survival factor at 2000 h High Frequency	> 0.99
Rated survival factor at 4000 h 50Hz	0.99
Rated survival factor at 4000 h High Frequency	> 0.98
Rated survival factor at 6000 h 50Hz	0.96
Rated survival factor at 6000 h High Frequency	> 0.95
Rated survival factor at 8000 h 50Hz	0.88
Rated survival factor at 8000 h High Frequency	> 0.92
Rated survival factor at 12000 h 50Hz	0.53
Rated survival factor at 12000 h High Frequency	> 0.88
Rated survival factor at 16000 h 50Hz	> 0.60
Rated survival factor at 16000 h High Frequency	> 0.80

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Rated survival factor at 20000 h 50Hz	> 0.25
Rated survival factor at 20000 h High Frequency	> 0.50

Optical data

Light colour	830 Warm White
CRI (Ra)	82
Colour temperature (K)	3000
Luminous flux (Rated) (lm)	1200
Luminous flux (Nominal) (lm)	1200
Ambient temperature for maximum luminous flux (°C)	25
Rated lumen maint. factor at 2000 h 50Hz	94%
Rated lumen maint. factor at 4000 h 50Hz	91%
Rated lumen maint. factor at 6000 h 50Hz	89%
Rated lumen maint. factor at 8000 h 50Hz	87%
Rated lumen maint. factor at 12000 h 50Hz	0.84
Rated lumen maint. factor at 16000 h 50Hz	> 0.78
Rated lumen maint. factor at 20000 h 50Hz	> 0.75
Rated lumen maint. factor at 2000 h High Frequency	> 0.92
Rated lumen maint. factor at 4000 h High Frequency	> 0.88
Rated lumen maint. factor at 6000 h High Frequency	> 0.86
Rated lumen maint. factor at 8000 h High Frequency	> 0.84
Rated lumen maint. factor at 12000 h High Frequency	> 0.80
Rated lumen maint. factor at 16000 h High Frequency	> 0.78
Rated lumen maint. factor at 20000 h High Frequency	> 0.75

Electrical data

kWh per 1000 hours burning time	18
Efficacy (Rated) (lm/w)	67
Rated lamp efficacy (lm/W) 100H 50Hz at optimum temp.	73
Watt (Rated) (W)	16.5
Watt (Nominal) (W)	18
Voltage (V)	80
Ignition voltage (V)	0
Current (A)	0.21

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Physical data

Weight (kg)	0.07
Length base to base (mm) - A	120.7
Lamp Length (mm) - C/L	110
Max. Lamp Diameter (mm) - D	49.3
Single packaging type	Box/Sleeve
Single package dimensions (L x W x H) (cm)	5.10 x 4.70 x 14.20
Outer package dimensions (L x W x H) (cm)	26.70 x 10.30 x 15.60

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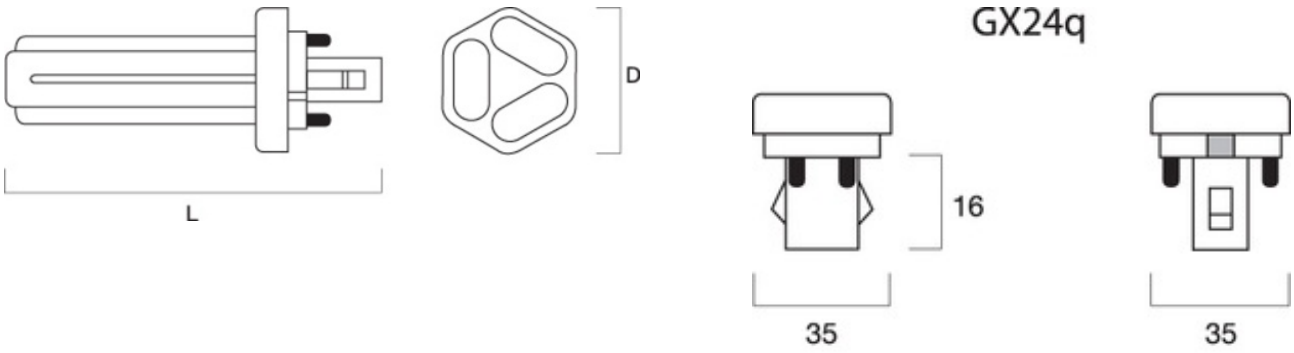
TECHNICAL DRAWINGS



ENERGY LABEL